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ABSTRACT:

PURPOSE: To reduce the extent of correction at the time of changing blocks by registering the number of a function module to be next executed in an information file for each function module and managing the execution order in accordance with this number.

CONSTITUTION: Parameter tables 1<SB>1</SB>∼1<SB>n</SB> are provided with next block number columns 2<SB>1</SB>∼2<SB>n</SB> respectively, and the numbers of blocks to be next executed are registered there. In case of insertion of a new block between a second block 5<SB>2</SB> and a third block 5<SB>3</SB>, the new block is defined as a fifth block 5<SB>5</SB> and a number B5 is given. Consequently, a number B3 in the next block number column of the

table I<SB>2</SB> of the second block is rewritten with the number B5 because the block 5<SB>5</SB> should be executed subsequently to the block 5<SB>2</SB>. Since the block 5<SB>3</SB> should be executed following the block 5<SB>5</SB>, the number B3 is written in the next block number column of the table I<SB>5</SB>. The table I<SB>5</SB> of the fifth block is added subsequently to the table I<SB>n</SB>.

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